

=====

Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2009; month=8; day=28; hr=11; min=50; sec=32; ms=496;]

=====

Application No: 10594177 Version No: 2.0

Input Set:

Output Set:

Started: 2009-08-13 14:52:34.396
Finished: 2009-08-13 14:52:36.480
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 84 ms
Total Warnings: 2
Total Errors: 3
No. of SeqIDs Defined: 4
Actual SeqID Count: 4

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)

SEQUENCE LISTING

<110> Axiogenesis AG
Ehlich, Andreas
Bohlen, Heribert
Schwengberg, Silke

<120> Secreted Proteins As Markers For Cell Differentiation

<130> 2590.0050002/EJH/UWJ

<140> 10594177

<141> 2009-08-13

<150> PCT/EP04/07529

<151> 2004-07-08

<150> US 60/485,462

<151> 2003-07-08

<150> EP 03015400.9

<151> 2003-07-08

<160> 4

<170> PatentIn version 3.1

<210> 1

<211> 5443

<212> DNA

<213> Mus musculus

<220>

<221> promoter

<222> (1)..(5443)

<223> alpha myosin heavy chain gene, promoter region

<220>

<221> promoter

<222> (2)..(5442)

<223> promoter region contained in SEQ ID NO 3

<220>

<221> 5'UTR

<222> (4369)..(4389)

<223> exon1

<220>

<221> 5'UTR

<222> (5071)..(5139)

<223> exon 2

<220>

<221> 5'UTR

<222> (5431)..(5443)

<223> exon 3

<400> 1

ggatcctgca aggtcacaca agggctctcca cccaccaggt gccctagtct caatttcagt 60

ttccatgcct tgttctcaca atgctggcct cccagagct aatttggact ttgtttttat 120

ttcaaaaggg cctgaatgag gagtagatct tgtgctaccc agctctaagg gtgcccgtga 180

agccctcaga cctggagcct ttgcaacagc cctttagggtg gaagcagaat aaagcaat	240
tccttaaagc caaaatcctg cctctagact cttcttctct gacctcggtc cctgggctct	300
aggggtgggga ggtggggcctt ggaagaagaa ggtggggaag tggcaaaagc cgatccctag	360
ggcctgtga agttcggagc cttccctgta cagcactggc tcatagatcc tectccagcc	420
aaacatagca agaagtgata cctcctttgt gacttcccca ggcccagtac ctgtcagggtt	480
gaaacaggat ttagagaagc ctctgaactc acctgaactc tgaagctcat ccaccaagca	540
agcacctagg tgccactgct agttagtata ctacgtgat aatatgcaga gctgggccac	600
agaagtccctg ggggtgtagga actgaccagt gacttttcag tcggcaaagg tatgaccccc	660
tcagcagatg tagtaatgtc cccttagatc ccatcccagg caggtctcta agaggacatg	720
ggatgagaga tgtagtcatg tggcattcca aacacagcta tccacagtgt cccttgcccc	780
ttccacttag ccaggaggac agtaacctta gcctatcttt cttcctcccc atcctcccag	840
gacacacccc ctgggtctgca gtattcattt cttccttcac gtcccctctg tgacttccat	900
ttgcaaggct tttgacctct gcagctgctg gaagatagag tttggcccta ggtgtggcaa	960
gccatctcaa gagaaagcag acaacagggg gaccagattt tggaaggatc aggaactaaa	1020
tcactggcgg gcctgggggt agaaaaaaga gtgagtgagt ccgctccagc taagccaagc	1080
tagtccccga gatactctgc cacagctggg ctgctcgggg tagctttagg aatgtgggtc	1140
tgaaagacaa tgggattgga agacatctct ttgagtctcc cctcaacccc acctacagac	1200
acactcgtgt gtggccagac tcctgttcaa cagccctctg tgttctgacc actgagctag	1260
gcaaccagag catgggccct gtgctgagga tgaagagttg gttaccaata gcaaaaacag	1320
caggggaggg agaacagaga acgaaataag gaaggaagaa ggaaaggcca gtcaatcaga	1380
tgcagtcaga agagatggga agccaacaca cagcttgagc agaggaaaca gaaaaggag	1440
agattctggg cataaggagg ccacagaaag aagagcccag gcccccaag tctctcttt	1500
ataccctcat ccgctctccc aattaagccc actcttcttc ctagatcaga cctgagctgc	1560
agcgaagaga ccgtaggga ggatcacact ggatgaagga gatgtgtgga gaagtccagg	1620
gcaacctaa agccagagcc taaaagagca agagataaag gtgcttcaaa ggtggccagg	1680
ctgtgcacac agaggggtcga ggactgggtg tagagcctca agataaggat gatgctcaga	1740
atgggcgggg ggggggattc tggggggggg agagagaagg tgagaaggag cctggaacag	1800
agaatctgga agcgttgga acgataccat aaagggaaga acccaggcta cctttagatg	1860
taaatcatga aagacaggga gaagggaagc tggagagagt agaaggaccc cggggcaaga	1920

catggaagca aggacaagcc aggttgagcg ctccgtgaaa tcagcctgct gaaggcagag	1980
ccctggtatg agcaccagaa cagcagaggc tagggttaat gtcgagacag ggaacagaag	2040
gtagacacag gaacagacag agacggggga gccaggtaac aaaggaatgg tccttctcac	2100
ctgtggccag agcgtccatc tgtgtccaca tactctagaa tgttcatcag actgcagggc	2160
tggcttgga ggcagctgga aagagtatgt gagagccagg ggagacaagg gggcctagga	2220
aaggaagaag agggcaaacc aggccacaca agagggcaga gcccagaact gagttaactc	2280
cttccttggt gcattctcca taggaggcag tgggaactct gtgaccacca tccccatga	2340
gccccacta cccataccaa gtttggcctg agtggcattc taggttcctt gaggacagag	2400
cctggccttt gtctcttgga cctgacccaa gctgacccaa tgttctcagt accttatcat	2460
gcctcaaga gcttgagaac caggcagtga catattaggc catgggctaa ccctggagct	2520
tgcacacagg agcctcaagt gacctccagg gacacagctg cagacagggtg gcctttatcc	2580
ccaaagagca accatttggc ataggtggct gcaaagggga atgcaagggt gaatcaggtc	2640
ccttcaagaa tactgcatgc aagacctaa acccctggag agaggggtat gtcctgccc	2700
ccaccacca taaggggagt gaactatcct agggggctgg cgacctggg gagacaccac	2760
attactgaga gtgctgagcc cagaaaaact gaccgccctg tgcctgccc acctccacac	2820
tctagagcta tattgagagg tgacagtaga tagggtgga gctggtagca gggagagtgt	2880
tcctgggtgt gaggggtgtag gggaaagcca gagcagggga gtctggcttt gtctcctgaa	2940
cacaatgtct acttagttat aacaggcatg acctgctaaa gaccaacat ctacgacctc	3000
tgaaaagaca gcagccctgg aggacagggg ttgtctctga gccttgggtg cttgatgggtg	3060
ccacaaagga gggcatgagt gtgagtataa gggcccagga gcgttagaga agggcacttg	3120
ggaaggggtc agtctgcaga gcccctatcc atggaatctg gagcctgggg ccaactgggtg	3180
taaatctctg ggcctgccag gcattcaaag cagcacctgc atcctctggc agcctgggga	3240
ggcggaaggg agcaaccccc cacttatacc ctttctccct cagccccagg attaacacct	3300
ctggccttcc cccttccac ctcccatcag gagtggaggg ttgcagaggg agggtaaaaa	3360
cctacatgtc caaacatcat ggtgcacgat atatggatca gtatgtgtag aggcaagaaa	3420
ggaaatctgc aggttaact gggttaatgt gtaaagtctg tgtgcatgtg tgtgtgtctg	3480
actgaaaacg ggcattggctg tgcagctgtt cagtctctgt cgtgagggtta ccagactgca	3540
ggtttgtgtg taaattgccc aaggcaaagt gggatgaatcc ctccatggt ttaaagagat	3600

tggatgatgg cctgcatctc aaggaccatg gaaaatagaa tggacactct atatgtgtct	3660
ctaagctaag gtagcaaggt ctttggagga cacctgtcta gagatgtggg caacagagac	3720
tacagacagt atctgtacag agtaaggaga gagaggaggg ggtgtagaat tctcttacta	3780
tcaaagggaa actgagtcgt gcacctgcaa agtggatgct ctccctagac atcatgactt	3840
tgtctctggg gagccagcac tgtggaactt caggctctgag agagtaggag gctccctca	3900
gcctgaagct atgcagatag ccagggttga aagggggaag ggagagcctg ggatgggagc	3960
ttgtgtgttg gaggcagggg acagatatta agcctggaag agaaggtgac ccttaccag	4020
ttgttcaact cacccttcag attaaaaata actgaggtaa gggcctgggt aggggaggtg	4080
gtgtgagacg ctctgtctc tcctctatct gcccatcggc ctttgggga ggaggaatgt	4140
gccaagggac taaaaaagg ccattggagcc agaggggcga gggcaacaga ctttcatgg	4200
gcaaaccttg gggccctgct gtctctctgt cacctccaga gccaaaggat caaaggagga	4260
ggagccagga caggagggaa gtgggagggg ggtcccagc agaggactcc aaatttaggc	4320
agcaggcata tgggatggga tataaagggg ctggagcact gagagctgtc agagatttct	4380
ccaaccagc taagaggag tttcgggttg gggctcttca cccacaccag acctctccc	4440
acctagaagg aaactgcctt tcctggaagt ggggttcagg ccggtcagag atctgacagg	4500
gtggccttcc accagcctgg gaagtcttca gtggcaggag gttccacaa gaaacactgg	4560
atgccccttc ccttacgtg tcttctccat ctctctctg gggatgctcc tccccgtctt	4620
ggtttatctt ggctcttctg cttcagcaag atttgccctg tgctgtccac tccatcttcc	4680
tctactgtct cctgaccttg ccttgccctt ttgctgtctc ttcctttcca cccatttctc	4740
acttcacctt ttctccctt ctcatttgta ttcaccttc cttccttct tcttctctc	4800
cttcttctc tcttctctc ctttctctc tcttctctc cttccttct tcttctctc	4860
cttcttctc gtgtcagagt gctgagaatc acacctggg tcccaccct tatgtaaaca	4920
atcttccagt gagccacagc ttcagtgtg ctgggtgtc tcttacctc ctcacccct	4980
ggcttgcct gttccatcct ggtcaggatc tctagattgg tctccagcc tctgctactc	5040
ctcttctgc ctgttctct ctctgtccag ctgcgccact gtggtgcctc gttccagctg	5100
tgggtccacat tcttcaggat tctctgaaaa gttaaccagg tgagaatgtt tcccctgtag	5160
acagcagatc acgattctcc cggaagtcag gcttccagcc ctctctttct ctgccagct	5220
gcccggcact cttagcaaac ctcaggcacc cttacccac atagacctct gacagagaag	5280
caggcacttt acatggagtc ctggtgggag agccataggc tacggtgtaa aagaggcagg	5340

gaagtgggtgg tgtaggaaag tcaggacttc acatagaagc ctagcccaca ccagaaatga 5400
cagacagatc cctcctatct cccccataag agtttgagtc gac 5443

<210> 2

<211> 6298

<212> DNA

<213> Mus musculus

<220>

<221> promoter

<222> (1)..(5445)

<223> ventricular myosin regulatory light chain gene (AF302688)

<220>

<221> 5'UTR

<222> (5446)..(5486)

<223> exon 1

<220>

<221> exon

<222> (5487)..(5489)

<223> exon 1

<220>

<221> exon

<222> (6209)..(6298)

<223> exon 2

<400> 2

ctcgagtgc	gggattaaag	gcatgcacca	ccatgctcag	cctgttttct	ttttaagag	60
ttaatctttt	taattatgtg	tatgtatgtc	tttgcattga	tatgcccacg	agagtgcattg	120
tgccttgga	gaccagaagg	gggtgacaaa	cccctgcagt	tttgagcctc	ctggcctggg	180
tgttggaat	caaacttaat	ttctctagaa	gagcagagtc	ctcttaaacac	ccaagccctc	240
ttgccagccc	ttattttgtt	tggttggttg	gtttttgcc	aagctaggag	ttccagcccc	300
agtcctttat	actctgccct	catggcttct	gacatctcca	actctgccag	gggctgactc	360
ttatcttcag	aaagcaattg	ttactttgac	cccagcagt	gctgagccac	caccagggc	420
ctgaggctag	aagaaaatgt	accctccttc	catggctcct	ttcagaaaagc	actgtgaacc	480
caggtaaagg	tagcaggctc	aggttcagat	gtagtgtcca	cagcctgtgc	aaaaaggacc	540
cttcacttcc	aagcttgccc	cacctgatca	gaccactctc	cagatctggg	ggaaacggta	600
gcaggctctt	cacccaaca	ggagtccca	gggcacacaa	gatattgcct	ttgattttgt	660
ccttatgaca	accctgcgaa	taaaatcgtc	atcatgccca	ctctacagat	tagaatactg	720
aagctgagag	caaaaaccta	cctgatgtca	cactgctgct	caatgactaa	gcaacgaaaa	780
tcaaaagtga	atattccgc	aggtccagt	cttgcatg	acaaatgctc	tgtcacctgc	840
acatttggtt	ccatgttctg	aaatcctctg	ttttcacctc	cctagaacct	cagatagctac	900
ctaaatagct	gagtccttc	acctggcct	ggctttctgc	taaggaatat	gtcagacatc	960
ttcaggattc	ttcaaaactt	ttctgagtag	aaatctcttc	aggcctggga	gctgtttcct	1020
ctcagcagaa	agcccccatt	tggcacaggc	caactcccc	acaaccagaa	ccatcatcag	1080
tcacaactgc	acttcctctc	atgcgaaga	aacttttttt	ttcagctctg	gatggatgct	1140
ggaaccatcg	gacctgttaa	ccgcttctc	cacctccagt	acagacgtca	ggacttgagg	1200
ctcctccgt	ctgctctctt	ctgcactgca	cttgaatttc	cctgagggtt	ggcatttggg	1260
gtttttgttt	ggcttgtttc	tttgcttgcc	tagaggaata	atcaatgctt	aggcttttaa	1320
tagcaaaggc	atttagtggg	tcaaccaagc	actcaggaga	tagacaggag	ggtcagaatt	1380
caaggctcatc	ctttgctaca	caatgagttc	agggtcagcc	tgggctacac	gagatccaat	1440
ctaaaataaa	caaaaaataa	aataattgat	atttcttctc	tgtatattat	agttatactg	1500
tagactgttg	gggatacatt	ctccaagagt	ctcaaagttc	atctccactg	agttaattaa	1560
tgttggttact	ataacacaac	actagagtct	ggttcgttta	caaatacaaa	agatttatatt	1620
tgggctggag	agatggctca	gagctgactg	ctcttccaaa	ggctctgagt	tccaatccca	1680
gcaaccacat	ggtggctcga	aaccatctgt	aatgggatct	gatgccttct	tctagtgtgt	1740

ctgaagacag ctatggtgta ctcacataca taaaataaat aaataaatct taagagagag	1800
atttgtttct acaaaggcta gatgctactg agagtaaagg gtttagaact ccgttttcct	1860
cttcttacta actcactaat cccatcttgg gggggggagg gggaagcttc atgacttcac	1920
ctaacctcgt tcacctctcc tagaccttac ctctatcgc taccaatctc tgatttgggg	1980
atcaaatttt caaccagga gctttaggga gacaaatgta aaccacagta tcccctgact	2040
cccggtgtac actggatcct gcacacagta gggctccaat aaatactgaa agtccttaga	2100
atgggggcaa aatcattttt gtgtttataa atatgacca catgttctct catcttttaa	2160
aattgtcaga gtaatttctc tctctctctc tctctctctc tctgtgtgtg tgtgtgtgtc	2220
tgtgtctgtg tgtgtgtctg tgtctgtgtc tgtgtgtctg tgtgtgtgta ctcacatcca	2280
agtgggtttg ggtacctgtc atgtggacat gtatatgttg gtagaagcca gaagtcaacc	2340
ttgtgtgtca tttctcagag gtgatccatc ttattttttg agacagggtc tctcactgag	2400
gccggggact tactgttttt aggttacacc tgctggccag caagccagag agaccgagag	2460
agacggtctg tctccatctc tccagcgaca ggctttcaga cccacaccac catgccagc	2520
tttgatgtgg gtctgggttt tgaggagtag aattcaggac ctcttgctga gccatctccc	2580
cagccactga acataattca tatataatct ggcttttggt ccttttgtgg gtgcagggtg	2640
tgttttgttt tgttctttgc tgtgtattat tctgtgcatt taagcttttt ttttttgtga	2700
ctacctggga gggacactga acagccagaa aggccaggcc gaggcttcac tgatggggat	2760
gtgagcccg gaaatgctggc agctgccggg agctggaaag ggcaaaggaa aggactgtct	2820
ccgcatccac ggtggacgca gccctctgcc cgatttctat ttctggccac cagctctgcc	2880
aggtagcgag cttggctgct ctgagctgcc tgggtttgcc gttgtatttt cctactagca	2940
tgggaaagcg tgatcagctt gctttgttct caattgttcc agaagctctg ccggtcccct	3000
ccaggactcc tgagtctctg ctccgtggta ctcggggctg gctctcaaag ttctaggtg	3060
cagaaatctc acaagcgcat gagcttagag tcccagggtg gatgtccacc aagagcccag	3120
ggacaaagca ttgacagctc ctgtgtgcgc cacgtctccc cccaccccca cccctacccc	3180
caggaactgt gagaggagtg cagagcccct cccccaggcc tttccaacaa ggactcctgg	3240
aggacccttg ggtttttaac accaaatcac caaatgtttc ccacgcagca acacaaacca	3300
gctcttctc atacagcacg gtgggccagt ggaccatggg gacaggttac ctctgtgggc	3360
ccaggctcac ggtaaactct aacctcaatc tgtagcctcc cacagccatt tgcgggtcac	3420

cttgcttctc agccaccgtg tggcacttgg caagtcacgt gtgcctcaac acaataagaa	3480
gccaagggaa taggggcttt gcttaactgg tacagcagtg tagcccaagc tagccttgaa	3540
ctcactatgt agccaaggac gatcataaac tcttgatcct cccgcttcag agtcctgggt	3600
gttgagataa caggtgtggg tcactcccta cccttcttct aatagcaatc aatgtgtggc	3660
cacatgtttg tgccctcacag attaaaacca tcttgacctg aggacgaaat gactaacagt	3720
tgccctcctga aggttgccctg gatctcatct ttataatccc agcaatcaag gggagtgggg	3780
gatcaggagt tcaaagtcag cccagcctgg gctacatgag accctgtctt gaaaaatgga	3840
ggaattaagc tgggcgtggg gccgcactcc tttaatccca gcacttgga ggtagaggca	3900
ggcggacttc tgagtccgag gccagcctgg tctacaaagt gagttccagg acagccacag	3960
ctatacagag aaacctgtc tcgaaaaacc agaaagaaag aaagagagaa agaaagaaag	4020
aaagaaagaa agaaagaaag aaagaaagga aggaaggaag gaaggaagga aaggaagga	4080
ggaaggaag aaagaaagaa agaaagaaag aaagaaagac agacagaaag aaaggttagg	4140
aaagaaagaa aggaaaagaa agaaagaaag aaagaaagaa agaaagaaag aaagaaagaa	4200
agacagaaag aaaggtttgg aaagaaagaa aggaaaagaa agaaagaaag agagaaagag	4260
agaaagaaag aaagaaaaga aaagagagaa aagaaaagaa aagaaaagaa aagaaaagaa	4320
agaaaaaaaa gaaaagaaaa gaaagaaaag aaaaggaagg aagaaaagaa aagaaaaatg	4380
gaggagttaa ccctatgttt cctttttttt tattcatcat tggtagaggt atcctcagct	4440
acatatcaag ttcaagccag cctgggctac atgagaccct gcctcaaaaa agaaaaggag	4500
ccagtgtagc gacatactcc cgtcctccca gcacttgga gacagaggct actccactgc	4560
tgtctccagc agccggcctg cctccctgag cctcatTTTT ttcataacat ggggacccaa	4620
ctgctaaggt gaccttgctc ccatggggtg actggagact tgagagtga gtggttatca	4680
tttgtccagt ctgtgaacaa atggcagcct ccaaggtggg tttgtgttca aaggaggaca	4740
tgggacaggg agaggccagg gagaagagcc caccctcagg agtaggctgt ccccgagaag	4800
ctgggtgggg acaaaaagca gagaagcaga ggcagaggac aagcgtgggt gacatttgag	4860
caaagatggg aatgtgccag aggetgccca agatgtgcat gtgcaaaggc cctgaggtgc	4920
aagggtgcct ggatccagag ccaaaagctc aggetccctc ctctcttctc tctcttctct	4980
cctcttctct ctctttctct tctccctcct ctccctctct ccccttctct tctctctccc	5040
cttctctctc tctcttctct ccttctctct cctccctctc ctctctctct tctctctget	5100
cctctctctc ctctctctgc tctctctctc gctctctctc ctctctctct tgggttactc	5160

ttccccatta gacaatggca gggaagagag cacaccccat catccccagg ccaggcccca	5220
gccactgact ctttaacctt gaaggcattt ttgggtctca cgtgtccacc caggcgggtg	5280
gccgcctttg agcagctctt acttcagaag aacggcatgg agtggggggt ggggggctta	5340
ggtggcctcc gcctcaccta caactgccaa aagtggteat ggggttattt ttaaccccag	5400
gggagaggta tttattgttc cacagcaggg gcagaggcca gcaggctcct cgaactctcc	5460
agaggtggca actggcctca gacacc atg gtgagtggtc agtaaaccct tgagaagaga	5519
Met	
1	

cgcaggggtgg ggagcagaga gataaccccc tcccaagcca agcaccccat ggaggagggg	5579
gggaggagga ggggaaggag gaggggaagct ctcttacgag cccctagcc ctagatggac	5639
cagcaccttg caccctctga gggaccccaa tcagctcccc taaggagcca caaatagcag	5699
ctctcaagg aacttgcaaa aatcaatgag aaatgcgctt ggggatggg tgcccactac	5759
ctgatctcaa gaaatcagta acaccccacc cccaccccac ccagagcttg ccaaacggag	5819
actgagagct ttttaagggtc gaattgtaat tcttttccca attcaggtgg ccaggaagag	5879
gttttctggt tctctctttt gaatattccc ctgaaatat ttgtgccgc ctcccagaac	5939
aggtagcccc cagctgctag agactgcagc taaggggcgc agagtgtacg tgtgtgtggc	5999
tgtgtgatct agagaagtga ctcaccctct ctgagcctcc agtctcctta gtggagcaga	6059
ggagagcatt agataatgtt tggagggtttt ggggtatcat ttgcctcgc atgttgtctg	6119
ggtaccagag actcactccc caggtgacag gtccctggccc aggtcctgat ccagaggtc	6179
cacagtgtct gatggatatt cctctccag gca cca aag aaa gcc aag aag cgg	6232
Ala Pro Lys Lys Ala Lys Lys Arg	
5	

ata gaa ggc ggg agc tcc aac gtg ttc tcc atg ttt gag cag acc cag	6280
Ile Glu Gly Gly Ser Ser Asn Val Phe Ser Met Phe Glu Gln Thr Gln	
10 15 20 25	
atc cag gag ttc aag gaa	6298
Ile Gln Glu Phe Lys Glu	
30	

<210> 3

<211> 10475

<212> DNA

<213> Artificial Sequence

<220>

<223> composite vector

<220>

<221> promoter

<222> (77)..(5517)

<223> 77-5517 Mus musculus alpha myosin heavy chain gene, promoter region (Acc. No. U71441)

<220>

<221> CDS

<222> (5558)..(7117)

<223> SEAP

<220>

<221> rep_origin

<222> (9750)..(10393)

<223> pUC plasmid replication origin

<220>

<221> polyA_signal

<222> (9401)..(9406)

<223> Herpes simplex virus thymidine kinase polyadenylation signal

<220>

<221> polyA_signal

<222> (9414)..(9419)

<223> Herpes simplex virus thymidine kinase polyadenylation signal

<220>

<221> terminator

<222> (9163)..(9165)

<223> Kanamycin/neomycin resistance gene

<220>

<221> ATG

<222> (8371)..(8373)

<223> Kanamycin/neomycin resistance gene

<220>

<221> pr